

FIG. 1 (Prior Art)

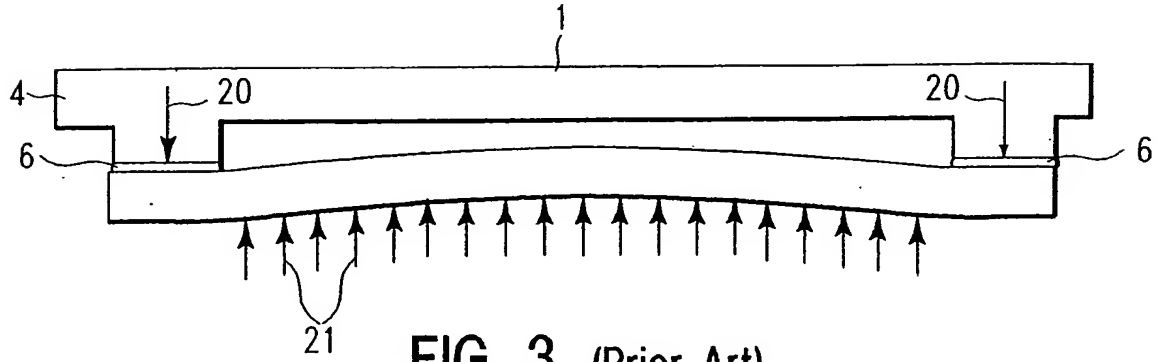


FIG. 3 (Prior Art)

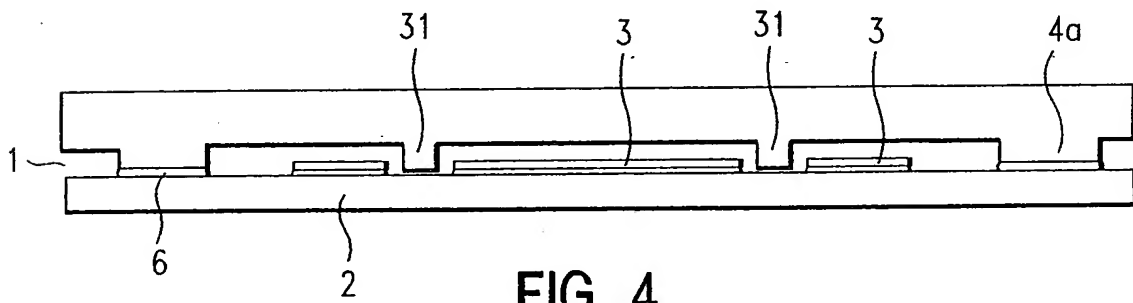


FIG. 4

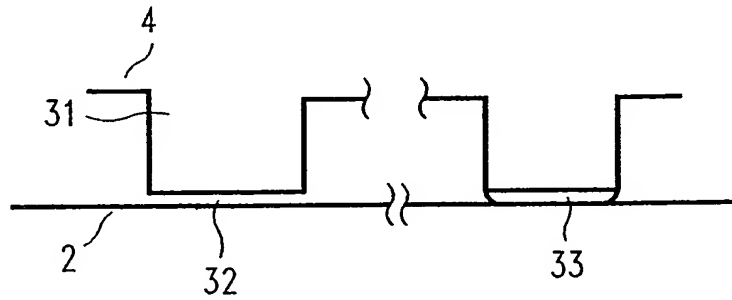


FIG. 5A

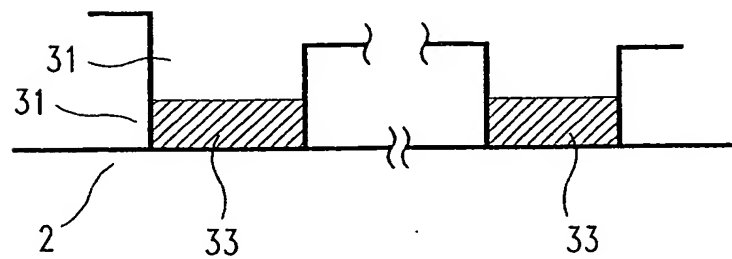


FIG. 5B

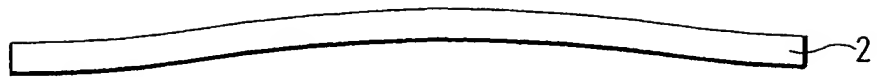


FIG. 6A

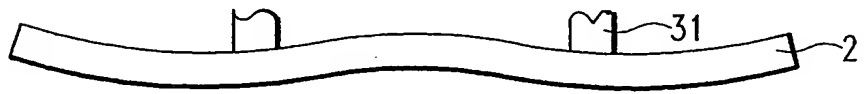


FIG. 6B

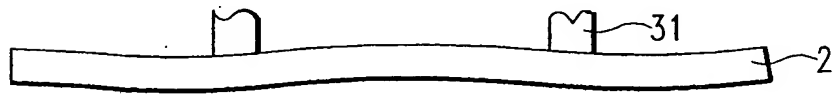


FIG. 6C

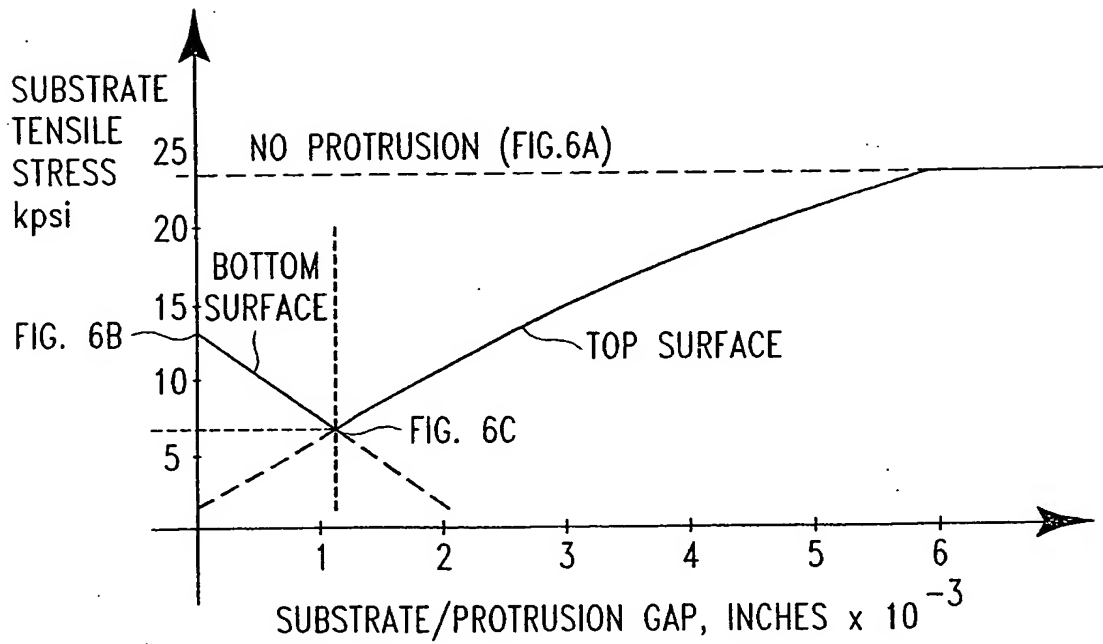


FIG. 7

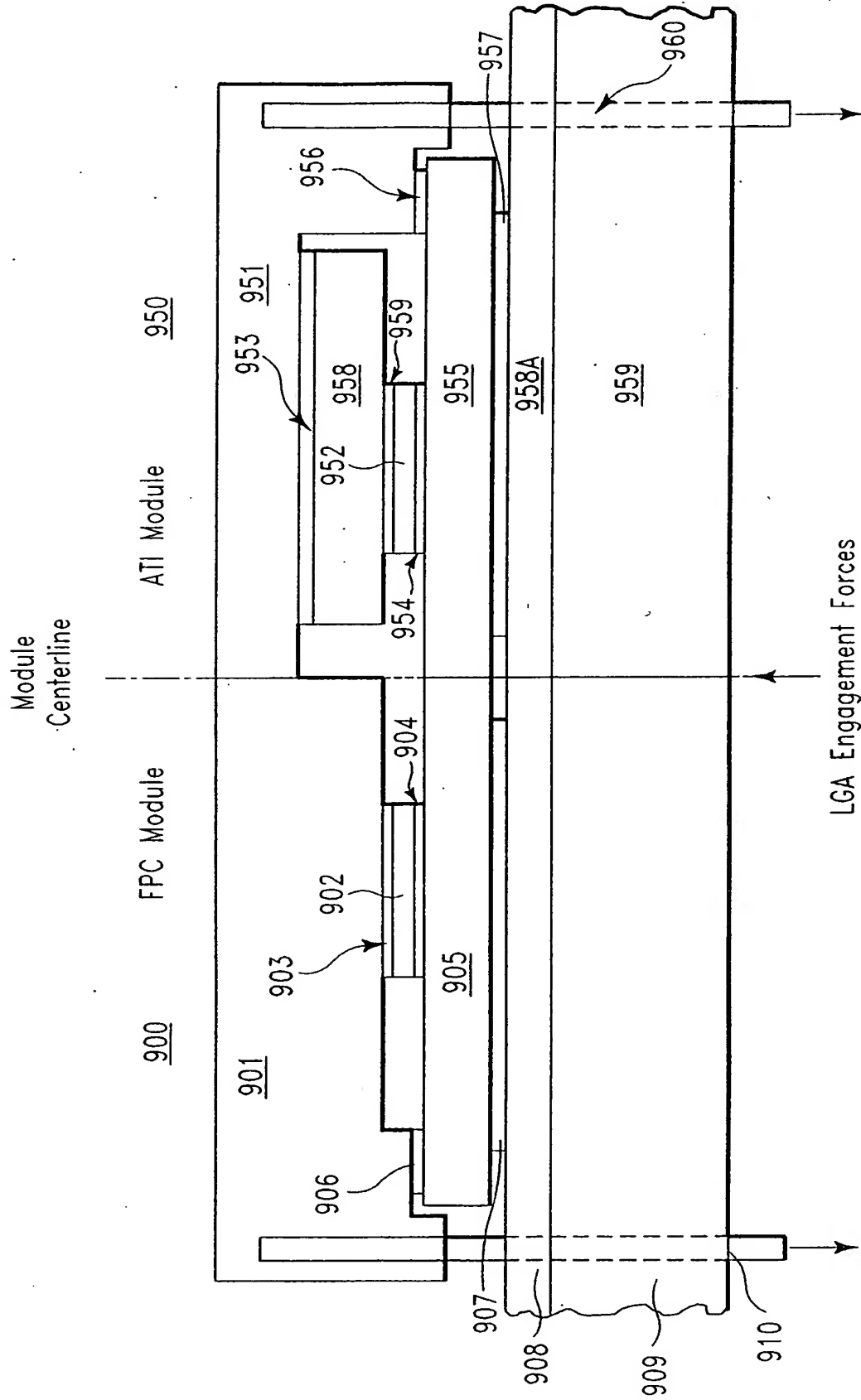


FIG. 9

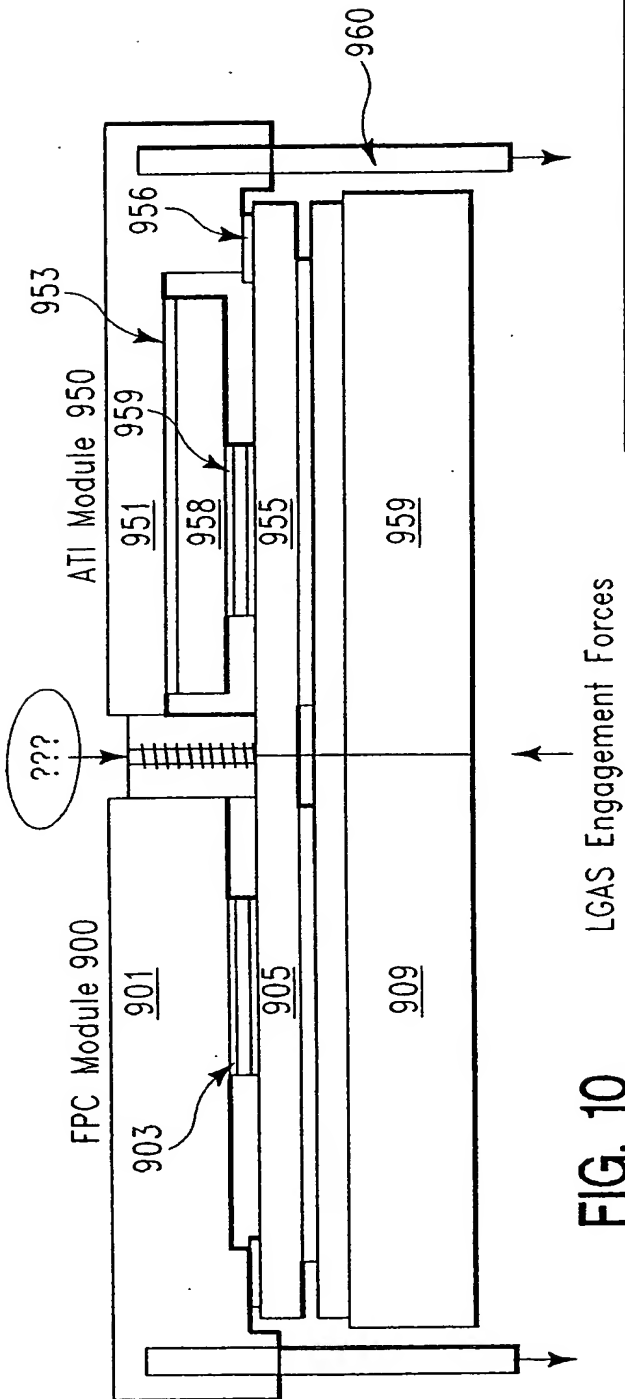


FIG. 10

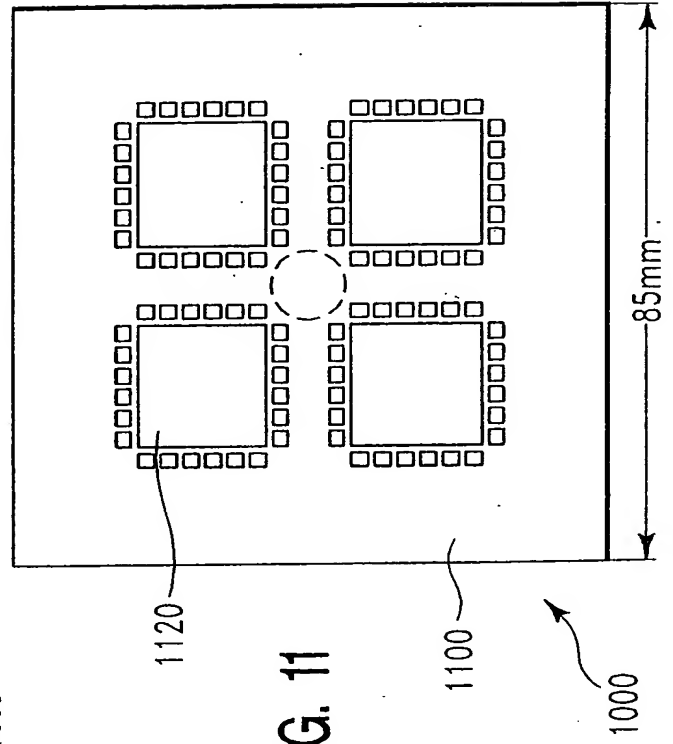
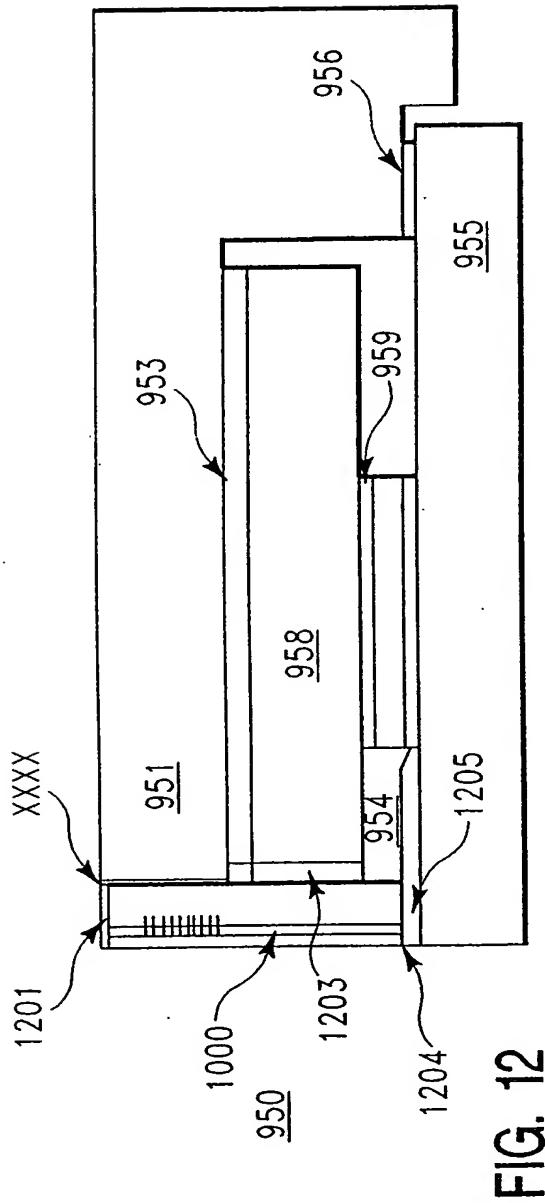


FIG. 11



| | With Spar | Without Spar |
|---------------------------------------|-----------|--------------|
| Glass Ceramic max Z-deflection (mils) | 0.98 | 1.81 |
| Glass Ceramic max S1 Stress (MPa) | ~42 | ~68 |
| Cinch button load range (gm/10) | 134-213 | 119-200 |
| Thermal Paste Strain (% change) | 3.0-6.6 | 1.2-27.8 |

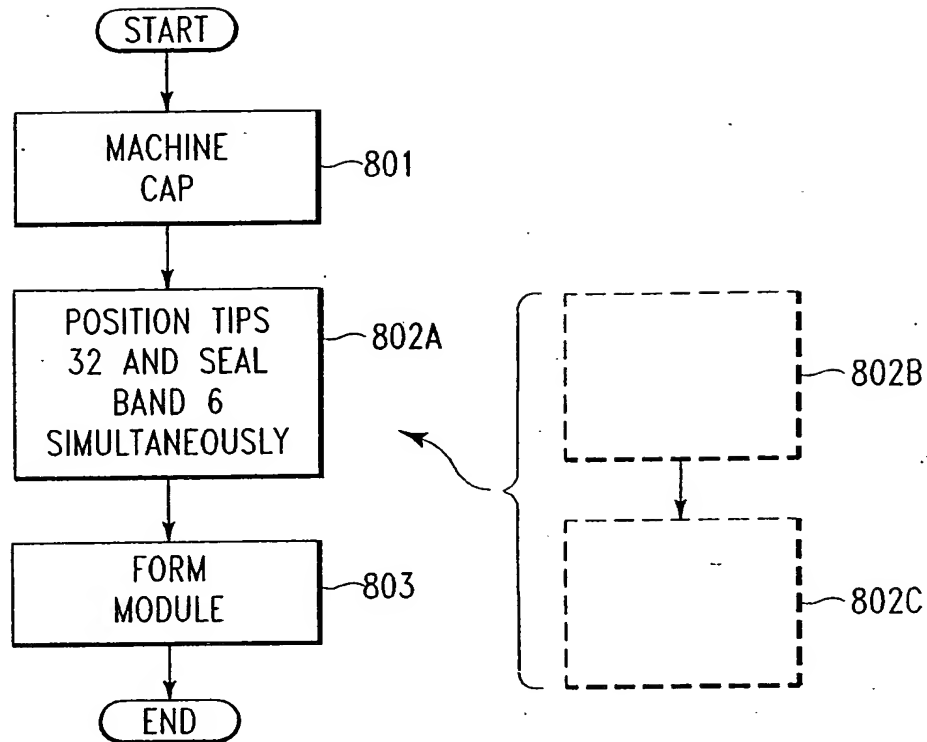


FIG. 8

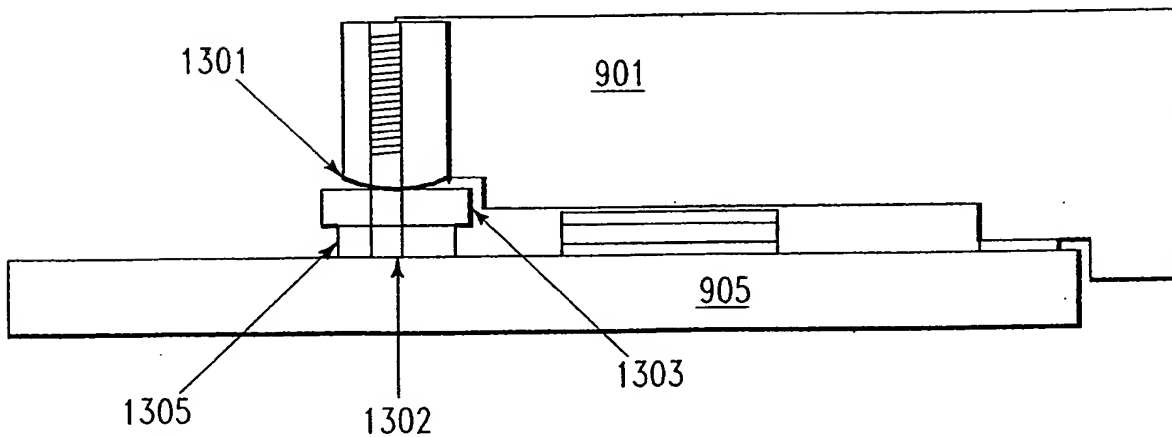


FIG. 13